Death Valley Expedition
1891
Catalogue

F.V.C.
aug. 18, 1934

Curator in Charge
Division of Phanerogams
Room W418 MNH

5-1

247 Dicoria canescens
Composite with large scarious bracts and bug-like achenia.
Funeral Mountains, about five miles northwest of Saratoga Springs. Feb. 2, 1891.

248 Coldenia
Prostrate dichotomous plant, with rounded, sulcate, silky-scabrous leaves.
With no 247.

249 Petalonyx thurberi
With no 247.

250 Abronia villosa
With no 247

251 Abronia villosa
~~Same as~~ Near Saratoga Springs. Feb. 3, 1891, Vernon Bailey.

16 Thursday.

I walk down
on camp to Fort Spring
in Pendergast valley
Fry & Roabla, Koch and
Thomas - yes ~~the~~ new
Koch a "Bowin" ass
Twills comes down with
one sheep on a pack mule
reside Indian Georges.
17 Friday

Jh + D leave me
hands full I work. Thomas
stack for Keller.
Georg Porter comes in
with a load of grain, 8
days from Patterson.

342 Found all the way from mouth of canon to summit of pass.

343 Astragalus
Found abnt 3000 above camp and above to summit

These pencilled notes are by Frederick Funston. F.V.C. Aug. 18, 1934

Jan. 29. Along irrigating ditch near mouth of Furnace Creek canon, Death Valley

340 Baccharis sergiloides
Shrub 2° high. common along ditches

341 Mentzelia albicaulis
Common in damp places Only one specimen found in blossom.

Jan. 29 Near edge of salt marsh below Furnace Creek, Death Valley.

~~Do [illegible]~~

342 Sphaeralcea munroana
Large quantities in soft wet strongly alkaline soil.

342 Found all the way from
mouth of canon to summit
of pass.

343 Astragalus
Found abov 3000 alon
canyon above camp 5
summit

Jan 30. On the upper ~~end~~
dry washes of Furnace Creek
above the springs and on
sides of Funeral Range

853 Oenothera
First specimen found 1700
feet above camp at Furnace Creek
and common in dry washes
for 1500 hundred feet more.

354 Rare, only one specimen
found in blossom.

355 Pencaphyllum schottii
Dense shrub. very common
from 2000 feet above camp
almost to summits. Dry washes

Data as 252.

362 Found all the way from mouth of canon to summit of pass.

363 Astragalus
Found above 3000 above camp and above to summit

364 Petalonyx thurberi
or
Encelia eriocephala
Common near heads of dry washes, ~~from~~ at 3500 above camp.

365 Common along dry wash & Furnace Creek.

366 Aster mohavensis
One specimen found 2700 feet above camp

367 Oenothera brevipes
Feb-1-1891. On canon of Furnace Creek. 300 feet above camp

368 Not common ~~Dry~~ Rocky soil

Data as 252.

362

Found all the way from
mouth of canon to summit
of pass.

363 Astragalus
Found abov 3000 alon
campand thence to
summit

Feb 4+5-1891

En Route from Truckee Creek
to Amargosa.

360 Cucurbita
One specimen found in Truckee
Creek mesh - 2000 abov Death
Valley.

At about 2000 feet above H. V.
O. Basilaris. O. Echinocarpa
O. Fissulata. Echinocactus
Polycephalus, and Cereus
Engelmanni began
and extend to summit of
pass 4725 abov camp.

361

Found in small quantities

252 Mentzelia albicaulis

Data as 252

253 Eriastrum bellinoides

Same as 252

254 Phacelia

Data as 252

255 Phacelia fluminea

With long petioled radical leaves

Data as 252

257 Salvia ?

With whitish woolly leaves and blue tubular flowers in dense whorls on long slender spikes

Data as 252

258 Triodia pulchella
Close, tufted grass 2 to
3 inches high.
Data as 252.

259 Aristida bromoides
Data as 232.

260 Amphiachyris frutescens
Shrubby composite with
small rounded heads
leaves, divergate branches
and long beak

261 Andibertiad
Data as 232, but
near the summit of the
mountain.

262 Salix
Large tree near the
Whitehall Ranch, Arroyo
Valley, Feb. 6, 1891

263 Salix.
Shrub. Data as 262

264 Atriplex hastiformis
Data as 262

265 Atriplex lentiformis
Data as 262. Fruiting
bracts not dentriculate
as in 264

266 Atriplex Torreyi
Data as 262.

267 Bacchiris emoryi
Data as 262

268 Baccharis veneta
Data as 262

269 Solidago
Data as 262

270 Aster canescens
Data as 262

271 Betula angustifolia
Mitchell Canyon, Antelope
Valley, Feb. 7, 1894.

272 Salix [illegible]
Data as 271

273 Helianthus petiolaris
Not a on 271

274 Liatris pauciflora
Not a on 271. Same
area as preceding but
stage in fruit abundantly

275 Gentiana (?)
Not a on 271

276 Linaria
Not a on 271

277 Echinacea Michiganensis
Near the summit of
the black peak south of
the Peak of Mummy mine
Feb. 2 1911.

278 Echinacea
Not a on 277

279 Pleurocoronis Pubescens
Mitchell Ranch

280 Baptisia paniculata
About 2 miles

triticoides

Oryzopsis membranacea

stellata

canescana

Festuca ovina

spectabilis

Stipa pinnata

cooperi

291 Rosa

Mountain Spring, Panamint Valley,

Inyo County, Cal.

290 Salvia

Not in 289

289 Eriogonum microcephalum

Not in 289

292 Eriogonum covillei

Not in 289

293 Eriogonum covillei

Not in 289

294 Salvia

Not in 289

295 Salvia

Not in 289

296 Baileya

Compositae with yellow flowers.

Collected from Mountain

Springs Valley.

297 Eriocentra

Ref. — 296

298 Bryoria mohavensis

Ref. — 296

299 Parmelia tridentata glandulosa

Ref. — 296

300 Fallugia paradoxa

Ref. — 296

301 Lecanora Californica utahensis

Ref. — 296

302 Ptilidium pulcherrimum

Ref. — 296

303 Atrichum tenuifolium

Data on 302

304 Encalypta rhaptocarpa

Data on 302

305 Syntrichia

Longer - leaved than 304

Data no 302

306 Ruppia
In Saratoga Springs
Feb. 5, 1891

307 Pinnularia parvistriata
Charleston Mountain, Inyo
Co. County, Nev. Feb. 14
1891.

308 Hesperthobrium diminutum
On Penna mesolepta Charle-
ston Mountain Feb 14, 1891.

309 Lepidospartum
Tall slender stems. Shrub
6 to 8 ft high. Data no 305.

310 Yucca
Without trunk and with
glaucous leaves. Data no
305

311 Arceuthobium
On Pinus aristata,
Charleston Mt. Feb. 13,

1891. alt. 1100 ft.

312 Asterotaphylla pungens
Data as 311

313 Chrysia adhaerens
Data as 304

314 Cyrtura rubella
Data as 305

Data as 311

316 Cyrtura [illegible]

317 [illegible]
Data

318 P[illegible] scopulo

319 [illegible] concolor
Data 311

320 [illegible]
Data as 311 but [illegible]

321 Cerura injavensis

monopenna

322 Juniperus occidentalis
Data as 311

323 Mimulus
Flower of Mountain. Mimulus
guttatus Spring, Calaveras,
Amargosa Borax Works
Feb. 17, 1871.

324 Pentstyla emorgi nuda
Data as 323

325 Eriophyllum ambiguum
Yellow flowered Composite
Data as 323

326 Eriastrum sellingeae ovatum
Daisy-like annual. Same as 325
Data as 323

327 Coctilena
At Mesquite Spring, Feb.
20, 1871. Name Bailey

328 Stipa viridula
Grass resembling Stipa
but with flat flowers

the ravine at about 6 mi
ft. E. of [illegible]
near Mesquite Springs.

329 Argemone macradenia
Data as 125

330 Tillandsia
Probably M. intermedia
Mesquite Springs, Terrell
Co. Tex. Feb. 20, 1891.

331 Peniteronia alpina
Data as 332

332 Ellisia
Canon near Mesquite
Springs, Terrell Co.
Feb. 20, 1891

333 Euphorbia
Data as 332
Eremophila hirsuta.

334 Euphorbia [illegible] minutiflora
Data as 332

335 & 336
Mosses. Data as 332

337 Mimulus
Red-flowered
Data as 332

338 Cuscuta
Data as 332. Con Bigel
via-Liber chemb. Attitude
* (4 60)

339 Delphinium
Data as 332.

340. Plantago patagonica
Feb. 12, 1891 [illegible]
Resting Spring Mimulus [illegible]
[illegible]
Vernon Valley

341 Mentzelia albicaulis
Data as 3[illegible]

342 Oenothera refracta
Data as 340

[illegible] Sporobolus depauperatus
Grass collected by [illegible]
Data not yet given

asperifolius

Helianthus petiolaris

364

Potentilla deserti

Kochia californica

Sporobolus depauperatus

desertii

83.

called "moving - seeded" capsule.
March 7, 1892. On the point of
Limestone cliff just north of
Mountain Spring.

387 Ephedra viridis

Data as 372. From the above
fine gone. This is very fair
specimen of the characteristic
dark green Ephedra of the fine
[illegible]

388 Eriogonum
Data as 362. From the
[illegible] of the Limestone

389 Brickellia grandiflora
March 8, 1892. Cottonwood, Lin-
coln County, New Mex. On the steep
[illegible] rocky Slopes, Common.

390 Plantago
Data as 281. In the vicinity
of Mustang Arroyo

391 Nolina
Data as 287. In the vicinity of

tested 8 ~~trees~~ weeks.

392 Chara

Data on p. 57.

393 Proserpinaca

March 7, 91. ~~Dunbar~~

Cottonwood, Lincoln

Co., Nebr. On mud

bank of lake. Left

[illegible] of the spring.

394 Eriophyllum wallacei

[illegible]

[illegible]

[illegible]

Data on p. 93. Veg. [illegible]

[illegible] Stem [illegible]

[illegible] Veg., also in fl.

395 Amsonia

Typography [illegible]

Data on 394. Also on

[illegible] Dunbar, [illegible]

[illegible] flowers

on the same wall. Style 1. Stigma
capitate, 2-lobed.

396 Thamnosma

Note as 394. Alt. as 395

397 Porophyllum gracile

Compare with Kearde re-
sembling Stephanomeria,
but flowers not ligulate.
Odor nearly that of parsley.
Alt. as in general

398 Astragalus

Note as 394. By the
mound spring about one
mile ~~from~~ I went from
the Pegleg spring. Probably
the same as Paleraph
detr. plus. Flowers not
found.

399 Cyamopsis glutinosa
March 9 1891. In the ditch
below the main spring

724 Ctenifer connexens
Data as 700, but ft
above mouth of canon.
Male ft only
725 Oenothera cardiophylla.
Data as 700, but ft
above mouth of canon
ft bright yellow, fragrant
726
Tongue as 720
727 Malacothrix glabrata
April 22, 1891 Hot Springs,
Panamint Valley - In the
Amargosa about a mile
north of camp.
728 Astragalus
Falsamint Nits, a
low bur bur grow
north side of Surprise Canon
about April 23, 1891. Wm. A.
Finker.

of the Vegas ranch.
400 Rincon Hollisteri
Data as 399
401 Senna
Data as 399
402 Phacelia
Cayote Ridge and on Big
Cany[illegible]
403 Bacteria cilioformica
Data as 402
Lesquerella gordoni sessilis

716 Silene stenosiphon punctata
Data as 714
717 Echinocactus Wislizeni lecontei
Data as 714 7/E
718 Scrophularia lanceolata
Data as 714
719 Carex nebrascensis praevia
Data as 714
720 Erysimum asperum
Data as 714
Calyx inflated
721 Pectocarya linearis
Data as 714
722 Salix
Data as 714
Probably longifolia
723 Stanleya pinnatifida
Data as 708, but ft
above month { common

Lepidium lasiocarpum
Annual. Data as
Dat[illegible] but Mar. 12.
[illegible]
Data as [illegible] but Mar.
12
[illegible] jonesii
[illegible]
[illegible] albicaulis
[illegible] but as 702
but Mar. 12.
[illegible] carphochima
Dat[illegible] but Mar.
E
Silene lemmonii
Note flowers. Data
as 702 but Mar. 12.
4/13
Scrophulariaceae annual
Data as 702, but Mar 12

711 Jeffreys

Data as 700

Talk to discuss form with
Tr. a. Stone, Potentilla lobe rep-
resented.

712 Ellisia

Data as 700, but ft
above mouth of canon.

Same as 697

713 Kryptantha

Data as 700, but ft above
mouth of canon

Calyx pubescent.

714 Kryptantha oppositifolia

Data as 700, but ft a-
bove mouth of canon, at
spring by side of trail

Kryptantha Torreyana, sericea - erected

715 Balsamorhiza

Data as 714. One radius
bracteoles, 1 to 5 disciform, fruiting ft.
D. stellatum, but D. not with.

Helianthella uniflora

March 2.

refracta

Nama hispidum

sonorae

Eriophyllum lanosum

706 Lomatium holoptera
Data as 700,
fruit, with purplish venules.
706 Polygogon monspeliensis
Data as 700.
Bended grass, probably
the plant Hutchins offered
to as Satureia.
707 Mimulus
Data as 700, but ft
above mouth of cañon. Fl. yellow
708 Centaurea multicaulis
Data as 700, but ft
above mouth of canon
709 Mentzelia reflexa
Data as 700, but ft
above mouth of cañon.
710 Juncus ~~effusus~~ effusoides
Data as 700, but ft
above mouth of canon

427 Baccharis glutinosa
Data as 402, but March
11. Bank of Clarks.
428 Mammillaria tetracantha
Data as 402. but March
11. Clarks.
431 Mammillaria
Data as 402, but Mar. 12,

432 Arctomecon merriami Coville
March. 9, 1891. Between Cotton-
wood Cr. + Vegas ranch.

693 Nemacladus glanduliferus
Data as 691

694 Dichelostemma capitatum
Data as 691

695 Eschscholzia californica
Data as 691

696 Salvia columbariae
Data as 691

697 Senecio mohavensis
Data as 691. Collected by Keck.
Disc. composite with showy heads glabrous throughout except sometimes the bases of the involucral bracts. Achenes fusiform, ribbed, glabrous. Pappus of numerous white bristles.

698 Helianthella argophylla
Data as 691
Flowering heads.

434 Stylocline
Typical Wits, between Oak Meadows and Furnace Creek
Mar 21 - 22.
Ten mile of Hyperlocken and possibly of Franseria dumosa

435 Phacelia
Data as 434
Flowers blue, bees present

436 Phacelia
Data as 434
Flowers blue, bees present
Also similar to 435 but more densely branched and leaves finely dissected

437. Pentstemon eriantherus
Data as 434

667 Lilia schottii

Data as 666

Plant resembling L. superba

but Plant glaucous

Data as 666.

Stock running after-

ward, seedlings

from L. [illegible]

669 Erythronium

Data as 666

670 Lefidium lasiocarpum

Data as 666

671 Phacelia rotundifolia

Data as 670, but

without Halberd

the month.

672 Lilia Kelloggii

Data as 671

Corolla [illegible]

[illegible]

438 Dentaria brevifolia

Data as 437.

I plow ferox

439 Arabis

Rock Meadows, Nev., Alt.

Rock Meadows Data

March 21, 1871.

440 Erysimum bellidifolium Orcuttii

Data as 439

441 Mentzelia albicaulis

Data as 440. Small

plant

442 Eriophyllum

Data as 439

Corolla long

443 Eriophyllum

Data as 434 Transcribed

444 Eriophyllum

Data as 434

Plant [illegible]

681 Salix
Hot Springs, Paramint
Valley. April 17, 1891

682 Orthocarpus californicus
Data as ~~684~~ 681

683 Ruppia maritima
Data as 681.

684 Phacelia
~~Data as 68~~
Hot Springs, Paramint
Valley, April 17, 1891. Near
the margins about a mile
north of the springs.
Pedicels ½ half lobes

685 Astragalus Pharmeis
Data as 684

686 Nigozum tribuloides
Data as 687, but ~~[illegible]~~
leaves [illegible]

435 Kuphuphia
Data as 434
Calyx zygomorphic.

436 Euphyllia
Data as 434
Fls. not opening at end

437 Oenothera
Data as 434
Similar to Oenothera
but the smaller, & plant
smaller.

438 Ellisia
Data as 434.

439 Gilia
Data as 434
Fl. very pale, lace from
waterfall. pl. ~~[illegible]~~ weed-plant
bulbar, 1ft high

440 Gilia
Data as 439
Fl. blue, lobes finely [illegible]

675 Pectocarya

Data as 667

Stems procumbent

676 Phacelia

Data as 667

Fls purple, stamens ex-

serted, leaves pinnatifid

677 Nemacaulis

Data as 667 [illegible]

678 Plantago patagonica

Data as 667

679 Oligomeris subulata

Data as 667

680 Eriogonum inflatum

Data as 667, but

on more arid soils

of Hot Springs.

Essentially primarily

allied Er inflatum

451 Atriplex platyphylla

Data as 434

Stems as in 230

452 Malvastrum rotundifolium

Data as 434

453

Data as 434

Primarily referred to as

[illegible]

Probably [illegible]

457 Phacelia reflexa

Data as 434

Spreading woody

454 Phacelia

Data as 434

Fls blue, lvs ovate, sin-

uate-crenate

456 Salvia [illegible]

Data as 434

Lvs ovate, deeply pin-

natifid, eff. woody-frutex

667 Lygodesmia spicata
Data as 662, but
long stolons from basal leaves
668 Lobelia siphilitica punctata
Data as 667
669 Pentstyle
Data as 667
670 Eriogonum thurberi
Data as 667 +
annual, pink to red
ovate to L, fl. yellow to cream
to pale
671 Townsendia
Data as 667
672 Silene laciniata
Data as 667
673 Stylocline micropoides
Data as 667
674 Eremastrum bellidiflorum
Data as 667

457 Penstemon Schaftii
Data as 434
Previously referred to as
Diplacus-like shrub.
458 Mimulus
Data as 434
Plant about 3 ft. high
459 Delphinium (Aconitum)
Data as 434
Plant glandular-pubescent
at base flowers
460 Erigeron flagellaris
March, 1971 Between
Nipton and Tonopah Roads
Soft pubescent
461 Descurainia
March, 1971 Between
Tonopah and Las Vegas
Small flowered, yellow mus-
tard to 2 ft. tall

661 ≡

Data as 613

Ware

662 Dentaria refracta

Hab. Springs, Paradise Valley. April 18, 1891.

Near the margin of a rivulet issuing from the spring.

663 Dentaria

Data as 662

Subscapose [illegible] yellow

664 Dentaria [illegible]

Data as 662 + Ofs. K

Ofs. as [illegible]

665 Erigeron

Data as 662

Annual, with several ascending leafy leaves and [illegible] from the root.

666 Dentaria [illegible]

Data as 662

Ofs. as [illegible]

462 Thelypodium cooperi

Data as 434

Lucifer, slender, with [illegible] clasping leaves

463 Dentaria refracta

Data as 434

Leaves linear clustered; fls. white.

464 Gilia filiformis

Data as 434

Annual, with minute yellow fls. & filiform leaves.

465 Gilia jonesii

Data as 434

Fls. yellow, base [illegible]

[illegible] bigelovii

Data as 434

635 Bigelovia
Data as 654. Just in the lower edge of the picture. Leaves linear, subserulent, ½in long. Corymbs fedunculate.

636 Juniperus californica utahensis
Data as ~~654~~ 654.

637 Ellisia
Data as 635, but about 100 ft below Brewery Spring. Probably same as 636 Juniperus californica utahensis
Note, April 10, 1891. 100 ft above camp.

639 Phaca tridentata
Data as 638, but altitude

640
Data as 639
Same

467 Senecio multicaulis
Data as 466 except leaves linear, subulate, minutely pubescent. Ovaries long

468 Salix
Data as 467
Leaves narrow-linear, subulate, minutely pubescent. Ovaries long

469 Salix
Data as 467
Leaves linear-subulate, glabrous. Ovaries

470 Populus fremontii
Data as 457
Cult.

471 Dasistoma
Data as 467
Flowers [illegible]

472 Malva parviflora
Data as 457

649 Oenothera
Data as 635, but 50
ft above Breezy Spring.
Yel in flower, leaflets
long, narrow, brown-spotted.
Calycoseris parryi
~~Rafinesquia~~ ~~californica~~
Data as 635, but
30 ft above Breezy Spr.
651 Chaenactis fendleri
Data as 650
652 Bigelovia graveolens
Data as 635, but
about 300 ft above Breezy
Spring.
Common, leafless.
653 Thamnosma montana
Data as 635, but
654 Encelia virginensis
Data as 635, but
about 600 ft above Breezy Spring

423 Acleisanthes chisosensis
Beaty Valley, between
Tule Well & Eagle Borax
Works. March 29, 1891.
424 Nama carnosum
Beaty Valley, between
Bennett Well, and
mouth of ~~Johnson~~ Johnson's Canyon, March
29, 1891.
425 Phacelia
Data as 424
Same as no 435
426 Encelia farinosa
Data as 424
427 Eriogonum heracleoides
Data as 424
428 Malacothrix glabrata
Data as 424
Composite, leafless; fl. pale yellow
Involucre tubular. One flo-

643 Oenothera fendleri
Data as 635, but
ft above Browning Spring
644 Gilia cephalotes
Data as 635, but 350
ft above Browning Spring
645 Franseria californica utahensis
Data as 644
646 Ptelea pinnata
Data as 635, but 250
ft above Browning Spring.
647 Astragalus mohavensis Watson
Data as 646
Fl. [illegible] white with
[illegible] purple spots & stripe
648 [illegible] Chamaesaracha
Data as 635, but 200
ft [illegible] above Brow-
ning Spring.

479 Eriogonum
Data as 474
Fl. flesh-colored.
480 Eriogonum
Data as 474
Plant [illegible] branched.
481 Mentzelia multiflora
Data as [illegible]
482 Oenothera [illegible] 4 bi-whites
Data as 479
Large, large fl., pale-
[illegible] Chorizanthe
Johnsons Canon, Pa-
[illegible] Mts. March 25, 191.
Plant with [illegible] canon, alt.
about 2000 ft.
Leaves bi-pinnate; fl. purple; fl.
slender.
[illegible] Oenothera
Data as 482.

636 Lespedeza hedysaroides
Nota as 633
Defoliate

637 Trifolium
Nota as 635
Defoliate, nota, yellow-fl.

638 Rosa carolinana micrantha
Nota as 635
Defoliate

639 Galium circaezans
Nota as 635

640 Stylosanthes mucronoides
Nota as 635
Defoliate, same as 459

641 Hypericum virginicum
Nota as 635
Some defoliate.

642 Parthenium petiola
Nota as 635
Rather defoliate

643 Lespedeza
Nota as 463

644 Desmodium glabellum
Nota as 463
Slender, foliage light and fern
and collateral effect

645 Phaseolus
Nota as 463

646 Rosa carolinana sonorae
Nota as 463

647 Desmodium
Nota as 463

648 Galium
Nota as 463
Corolla small, delicate, trembling a small
Graphalium.

490 Cotyledon
Lower Indian Garden, Johnson Canon, Pan
amint Mts. March 26, 91
Leg. E. N. Nelson. Petals
yellow in the margins, re-

631 Marcellana tetraraistrata

Data as 6/0 but
4 ft below gravel cut.
Same as 630 ft below
gravel cut.

Dr. A. A. Fisher. April
14, 1931. In Sunprise Canon
Permanent water, about 5:00
ft below Permanent.

632 Arabis

Data as 620
With bromly cordate
leaves. Same as that grow-
ing on rocks (?)

633 Arabis munroana

Data as 610, but 5 to 6 ft tall
Scarlet orange flowers

634 Arabis pulchra

Sunprise Canon, Perma-
nent Water. April 15, 1931.
250 ft above Brewery Springs
Same as 632

Naked. Data as 402, last
March 11

421 Phacelia

White-flowered, practically
Data as 402, last March 11

422 Pedicularis

Data as 402, last March 11

423 Eriogonum

Data as 402, last March
11.

425 Eriogonum villosa

Data as 402, last March 12

426 Streptanthus longirostris

Data as 402 last March
12.

697 Penstyle smoryi nuda
Data as 664

700 Kniphofia
Scarlet Cross Pansies
Mountains April 21, 1891.
Wt 110 Above mouth of Cañon
Probably K. Rufa Baker
701 Kniphofia
Data as 700
Plant Nearly Protruded
Dr Uses Tea carphoclinia
Data as 700
703 Phormium
Data as 700,

704 Kniphofia racemosa
Data as 700,
Nutlet ½ line instead of 1½ lines long
Shrubby

except to 704 on the back.
491 Astragalus grandiflorus
Upper Sonoita Garden
Johnson's Canon Pansies Mts.
March 27, 1891.
Fl. scarlet.
492 Salvia Columbariae
Lower Sonoita Garden,
Johnson's Canon Pansies
Mts. March 26, 1891. Leg.
D. H. Fisher.
493 Salvia
Data as 491.
494 Eriogonum
Data as 491
495 Eriogonum nohavensis
Data as 491
Peduncles very short;
ff fertile.
496 Eriogonum
Data as 491 - Opp. 3.

621 Oenothera radiosifolia.
Data as 620
Capsules on thin afterwards, erect.
623 Salix Lasiandra
Data as 620
626 Vitis
Data as 620
627 Mirbelia linearifolia
Data as [illegible], but 300
ft below camp. [illegible]
Same as 556
628 Astragalus
Data as 610, but 300
ft below camp, on limestone, facing south.
631 Euphorbia eriantha
Data as 610, but 300
ft below camp.
630 Astragalus mohavensis
Data as 628. Same as 495

[illegible] of spring
about 1 mile above
on limestone formation mostly
497 Stanleya elata tetrandra
Data as 453
Fruit scarlet or crimson pulp
and seeds dried up.
498 Opuntia ericasa
Data as 491
[illegible] long.
lasiocarpum
[illegible]
[illegible]
[illegible]

619 Prassia
Data as 610

620 Silis terniflora
Data as 610, but 600 ft below camp at the Toll House

621 Valeriana capillaris - Wood.
Data as 620, in the stream from the spring on the [illegible] coast-a just below the Toll House

622 Ellisia
Data as 620
Similar to E. nyctelea - folia, but glandular, less amply foliaceous, inflorescence

623 Orthocarpus filiformis
Data as 620.
Flowers almost lemon yellow

513 Aplopappus interior
Data as #99
Scarcely like above, leaves [illegible] of large pinnae [illegible]

514 Tetradymia canescens
Data as #91 [illegible]
Glabrous

515 Tetradymia cooperi
Data as #99 + Thurs 34
Leaves [illegible]
Yellow

516 Trisetum barbatum
Data as [illegible]
Perennial

615 Dendrolagus
Data as 610, but in ft
below earth.
Possibly D. tolomaeus

614 ~~Petrogale~~ Petromicia spinescens
Data as 610,
Bone absent with odor
of decayed f; 6 m ± 15 m high.

613 Dasyurus fotygaloides
Data as 610

616 Perameles
Data as 610

617 Bigalurus grayanus
Data as 610
Tissues in liquid preserv.

618 Rhinolophus trilobatica
~~Data as~~ Aged 13 (?)
Coll. Dr. A. K. Fisher, near
Brewery Spring, Panamint
Canyon.

Cynopterus
Data as 499
Yellow-flowered + wild dates
leaves.

Arctocebus pulchra
Data as 499
Perineal tissues fat, perfect
condition. Tissues like mammary
tissue, plentiful perineal fat; flesh
on forefoot.

Lagomys princeps reflexum
Data as 499 + [illegible]

609 Manilkara tetrandriatrae
Data as 593 but 60
ft below camp.
610 Symmoporanne tangelsia
April 14, 1891. Surface
Canon, Paramint Mts, Cal
450 ft below camp.
On rocks facing north, with
Cheilanthes viscida + Cheilan-
thes
611 Orobus pterocaulus
Data as 610 with Hosackia
Blackiana plants very large,
with sagittate stem leaves, leaf-
leaves ovate-lanate above, and the
shot being in the margin
fruits
612 Lupinus fremontii
Data as 610
Only shrubby shrub by

572 Eriogonum covillei
Data as 571
573 Hosackia
Johnson Canon, Paramint
Mountains. At the Indian Garden.
+ Oth. 800 ft above camp.
March 31, 1891
Low, prostrate, effuse-ramose
pea, fruits flowed.
574 Erodium cicutarium
Data as 573
A depressed, dog ground form
575 Phacelia
Data as 573
The common racemose phacelia
576 Phacelia
Data as 573
leaves pinnatifid, flowers yel-
low-centered.
577 Amsinckia
Data as 573 + March 31

603 Calycoseris parryi
Data as 593, but 600
feet below camp

604 Malacothrix glabrata
Data as 601
Yellow-fl. ligulifl. compos-
ite with filiform-pinnatif.
leaves

605 Nemoseris newberryana
Data as 601
Cream-colored ligulifloro-
us composite

606 Astragalus
Data as 601
Fl. purple, pubescent,
leaflets scattered, needle shaped.

607 Phacelia hispida
Data as 593, but 750
ft below camp.

608 Claytonia perfoliata
Data as 607

518 Krigia
Data as
Very large, like the Arizonica

519 Eschscholtzia minutiflora
Data as 513 & 2nd 2.
Same as seen before

520 Lupinus lascocarpum
Data as 513.
Probably same as 513, but
less fruit & not in flower.

521 Ellisia
Data as 513
Annual, very delicate, fine
fragile leaves, white flowers

522 Trisetum barbatum
Data as 513
Annual Poa? garden, probably introduced

523 Plantago albicaulis
Annual, fl yellow

597 Salix humilis
Data as 593
Leaves about 1½ as long.
596 Salix humilis var
Data as 593
595 Asplenium ebeneum but longer
Data as 593 to stipes.
Plant in the plant.
Fronds as wide as
frequently referred to as
Bracken and Aerial leafed
600 Lupinus
Data as 593, but
1000 ft below camp.
Shrubby.
601 Aconitum Columbianum
Data as 593, but
800 ft below camp. Apr 14 700 ft below camp.
602 Erimanthe pendulifloro
Data as 593, but 800 ft. below
Fl. at first pale yellow

521 Phacelia
Data as 513
Perennial, on rocks, flowers
dark blue with stamens, pistil
and ovary, corolla lobes
white flower. Stamens
and pistil projected at the base
of the corolla tube purple shaded
525 Antirrhinum Cotyledon
Johnson Canon, Paramint
Mountains, April 2, 1891.
800 feet below camp
526 Same as
Data as 525
Perennial, slightly woolly pubescent
dark purple 1-flowered
522 Argemone platyceras
Data as 525 below camp
527 Delphinium
Data as 525
Same as 466

592 Calycoseris wrightii
Data as 589 but stem
& below corm.

593 Chaetanthera tenella
Surfaces Canon Pass
mint Mts, April 13, 1931,
near the spring about ½
miles below Pass summit

594 Chaetanthera viscida
Data as 593
Corm probably with 592

595 Krigia virginica
Data as 592
Rather soft foliage & stems
dense glan on leaves & Corm

596 Bigelovia tenuifolia
Data as 593
This is the plant that
has been referred to Aplo-
as Bigelovia foliosa

529 Calycoseris Parryi
Data as 525 + Apr. 4 Illus
Annual, yellow flowers,
with scattered tack-shaped glands

530 Equisetum
Data as 525
Larger than 531

531 Equisetum
Data as 513

532 Chaenactis brachyphylla
Data as 525
Glandular hairs, loose hairs
stiff, basal rosette

533 Eriophyllum ambiguum
Data as 525
Annual with long filamentous
flowers, lanate

534 Salvia Columbariae
Data as 525 + Illustration for

586 Eleocharis rostellata
Data as 580
587 Salix dichotoma
Paradise Valley, Mojave Desert.
April 5, 1891. J. T. & W. Koch
588 Juniperus microcarpa
Windy Gulf, between Lone
Willow & Death Valley.
J. T. Koch
589 Phoradendron bolleanum
Johnson Canon, Panamint
Mts. April 10, 1891.
Spray above camp.
On Juniperus californica
590 Salix
Data as 587
Fl. white
591 Arabis pulchra var
Data as 569 but 7,700 ft above
Fl. purple. Same as 507

592 Oenothera caespitosa
Data as 525 + after 4.
Biennial or winter annual;
nearly acaulescent, petals 1 =
inch long; lives for notified
536 Juniperus
Panamint Mts, entrance
from Panamint Pass almost
one mile Alt. 7,000
Quercus [illegible] 10-20
537 Pinus aristata
Panamint Mts, [illegible]
range, about 3 miles north
Panamint Pass. Alt about
9500 ft alt. Apr 2, 91
538 Pinus flexilis.
Data as 537.
539 Juniperus occidentalis
Panamint Mountains
[illegible]

~~[illegible]~~
miles ~~[illegible]~~ Summit Pass
Ranch, April 7, 1891.

561 Ephedra gigantea
Data as 560

562 Juniperus coahuilensis
Data as 560

563 Oligomeris subulata
Data as 560, but
in the wash near the stony

564

Data as 563
Plagiobothrys fulvus -
flowered, fruiting annual

565 Euphorbia
Data as 563
This is the same Euphorbia common on
washes about Death Valley.
The branches roll inward when
dry.

(large type)
of canyon 2 miles about 1 mile
north of Summit Pass.
~~[illegible]~~ about 5400 ft. April
[illegible]

Peucedanum parishii
April 7, 1891 Summit
Pass about two miles west
of Ranch, Death Valley, Cal.
Flowers pinkish white.

572 Pinus monophylla
Open ~~[illegible]~~ 1891 D. C. Parish
Sandy flat at mouth of Willow
Canyon.

573 ~~Quercus~~ Quercus dumosa
Near settlement of Army, John-
son Canon, Panamint Range,
April 3, 1891.
Same as 496

575 Polygonum
Data as 573

576 Utricularia flexuosa
Data as 567 & Ref 1-2.

577 Boerhaavia
Data as 567
The only species of this genus thus far seen. Inconspicuous plant on the mudflats

578 Sporobolus airoides
Data as 567

579 Agrostis verticillata
Data as 567
Grass, apparently perennial, procumbent, panicle contracted, spikelets 1 floret

580 Schoenus nigricans
At the sponge in Fern Creek, about two

581 Ofeltia
Data as 573.
Resembles Compositae

582 Cynosteme terebinthinus
Data as 573. But at an altitude of about 7000 ft, on trail to Paramint Pass.

583 Petalyx emargi nata
Mountains, April 4, 1891.
1000 ft below Camp.

584 Malvaea rosida
Data as 576

585 Phacelia
Data as 576
Probably same as 583

586 Nicotiana
Data as 545, but 800 ft 100 below camp.

569 Scirpus Olneyi
Data as 567

570 Salix latifolia
Data as 567
Same as 456

571 Oenothera scapoidea purpurascens
Data as 567
Same as —

572 Scirpus pungens
Data as 567, but at outlet of pond at the ranch. With S. Olneyi, but culms scattered and in drier ground.

573 Chenopodium murale
Data as 567, but in barnyard at Furnace Creek ranch.

574 Melilotus indica
Data as 573.
Odor that of M. officinalis

550 Sphaeralcea munroana
Data as 546, but 800 below camp.

551 Sonchus asper
Data as 550

552 Emmenanthe penduliflora?
Data as 546.
Phaxelia-like, erect with yellow flowers in a broad, Physalis-like calyx.

553 Oenothera ~~tricolor~~
Data as 546

554 Castilleia
Data as 546

555 Prunus fasciculata
Data as 546
Characteristics of the lower pinnae

556 Microseris linearifolia + Coff. 10 400 ft below camp.
Data as 546
Fl. yellow; lvs entire or pinnatifid.
Liguliff. Comp., annual puberulent.

564 Lotus humilis.
Data as 546
Similar to 526, but with very scant appressed pubescence.
565 Lupinus
Data as 546
Annual, pink-flowered
566 Eleocharis rostellata
Data as 550
About 4 ft high.
567 Phacelia
Tumacacori Creek, between the ranch and the springs
April ~~22~~ 8, 1891.
Fl. ~~blue~~ violet, lvs ovate, crenate. Same as 435
568 Psathyrotes ramosissima
Data as 567 + Apr. 7.
~~Corolla~~ purplish when old.

557 Euphorbia
Data as 546
Prostrate, smooth, with deep caudex.
558 Krynitzkia
Data as 546
Same as 442
559 Cotyledon
Data as 546
Same as 490
560 Elliotia
Data as 546
Same as 418
561 Claytonia perfoliata
Data as 546
562 Gilia
Data as 550
Same as 449.
563 Lepidium lasiocarpum
Data as 550
Branched from base; lvs pinnatifid; entire plant puberulent. Prob. same as L499

564

563

566

567

568